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ACSI I-1162-C
ID 2196080

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pp 193-208

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Order from SLA \$1.10 63-14623

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p. 47-49.

DESCRIPTORS: *Phosphates, *Fertilizers, *Swamps,
Soils, Nitrogen, Plants (Botany).

(Agriculture--Plant Cultivation, TT, v. 10, no. 4)

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I. Lundblad, K.

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OF CULTIVATED PLANTS. [1963] 22p. 6 refs.
Order from SLA \$2.60 63-14628

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K-H-3424 a [1962] 22p.

DESCRIPTORS: *Plants, *Fluorine, Absorption.

(Agriculture--Plant Cultivation, TT, v. 10, no. 4)

63-14628

I. Gericke, S.
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Office of Technical Services

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Sci - Nucl Sci

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Sci -
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SIA Tr 3129

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Encl to IN-134-57, USAR, AFM Dir.

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Sci - Eng, instruments, stereoscopic
Doc 57

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Sci - Phys
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Sci - Phys
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ATIC F-TS-9012/III

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STUDY OF FAILURE PROCESSES. [1962] 25p.
Order from K-H \$1.25 K-H 6739

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Ultrarapides, n. p., n. d., p. 301-314.

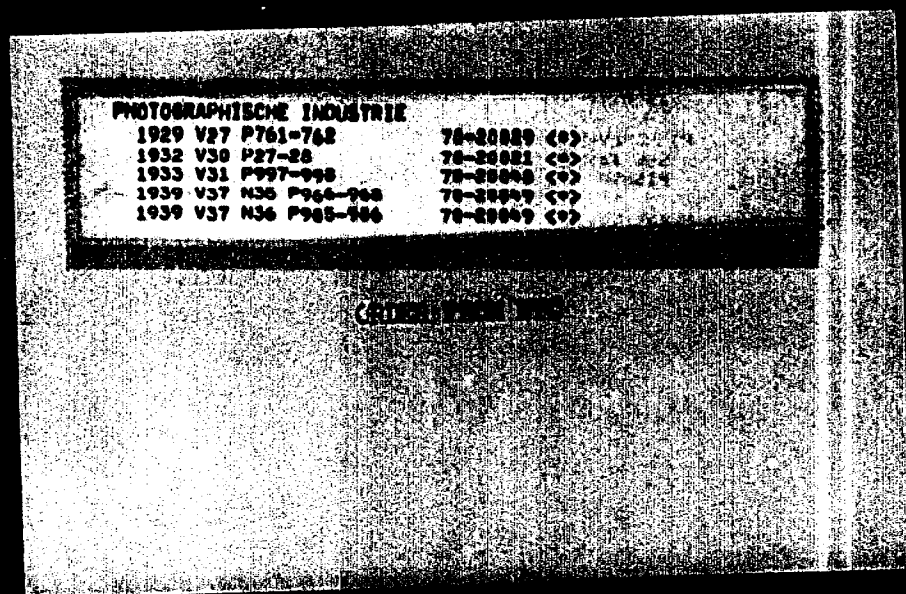
DESCRIPTORS: *Failure (Mechanics), Photographic
analysis, *Motion picture photography.

(Research Methods--Photographic Equipment, TT, v. 8
no. 12)

62-22712

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Sci
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Vol III, No 2

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Vol XXVIII, 23 July pp 821-823.

SLA 60-10198

Sci
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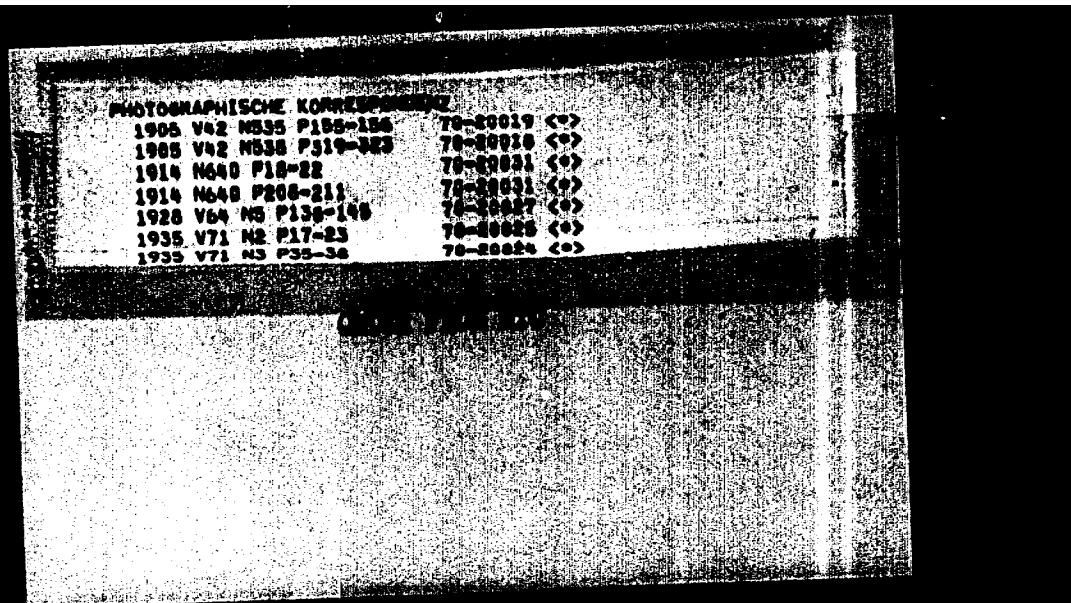
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DESCRIPTORS: *Photographic emulsions, *Halation,
*Photographic images, Distortion, Light, Scattering.

(Materials--Photographic, TT, v. 10, no. 11)

63-18297

1. Scheffer, W.

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Acids in the Presence of Glycolic Acid and of
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CIA X-6750

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AN OBJECTIVE METHOD FOR DETERMINING REFLECTION BY HALATION. PT. I. ORIGIN OF REFLECTION BY HALATION. PT. II. KNOWN METHOD FOR DETERMINING HALATION. PT. III. NEW METHOD. PT. IV. TEST OF THE INFLUENCE OF DIFFERENT FACTORS ON THE L-VALUES. 15p (13 figs, 5 tables omitted) Text.

Order from: L 51.10

TT-64-16474

Trans. of Photographische Korrespondenz (Germany) 1935, v. 71, no. 5, p. 65-66, 75-76.

I. Küster, A.

II. Title: Origin ...

III. Title: Known ...

IV. Title: New ...

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PHOTOGRAPHY THROUGH TURBID MEDIA
(Bildkontrastverhältnisse beim Photographieren durch
Trübe Medien). [1963] [23p] (foreign text included)
16 refs

Order from SLA \$2.60

TT-64-10616

Trans. of Photographische Korrespondenz (Austria)
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DESCRIPTORS: *Light transmission, Photographic
Images, Colloids, Smokes, Milk, Sulfur, Soaps,
Scattering.

(Physics--Optics, TT, v. 11, no. 5)

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Office of Technical Services

Colour Transformation in Multi-Colour Printing, by
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Ferricammoniumcitrate by Adding Various Organic
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Vol 96, No 1, 1960, pp. 35-9.
NTC 69-10650-14E

Sci-Methods
Jul y 69

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Measurement of the Modulation Transfer
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by H. Frieser, H. Kramer.
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Vol 102, No 5, 1966, pp. 69-75.
NTC 69-10649-14E

Sci-Methods
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GERMAN, per, Phot Korres, Vol XCI, No 9,
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DISARRANGEMENT IN THE SILVER HALIDES
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Order from SLA \$1.60

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Trans. of Photographische Korrespondenz (Austria)
1957, v. 93, no. 2, p. 17-25.

DESCRIPTORS: *Silver compounds, *Halides,
*Structural properties, *Photographic emulsions,
Crystal structure, Diffusion, Electrical conductance,
Photographic chemicals.

This is a survey of the characteristic signs of disarrangement in the silver halide crystals.

(Materials--Photographic, TT, v. 10, no. 4)

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Application of Optical Brightening Agents in the
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SLA 59-15988

Sci
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Reaction of Repeating and Retarding Substances Upon
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G. Langhammer, H. Staude, 25 pp.

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No 5, 1958, pp 69-73 and No 6, pp 83-91.

SLA 59-15355

Sci
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INVESTIGATIONS ON THE REPRODUCTION OF
SMALL DETAILS BY MEANS OF PHOTOGRAPHIC
REPRODUCTION OF SMALL DETAILS IN THE
PRINTING PROCESS. PART I. THEORETICAL. [1960]
26p.

Order from SLA m\$2.70, ph\$4.80 60-16559

Trans. of Phot[ographische] Korrespondenz (Austria)
1958, v. 94, no. 8, p. 115-121, and no. 9, p. 131-137.

Consideration is given to the printing of a linear sine
pattern, the printing of lines and slits, the line pattern,
and the nature of transmittance and the effective
printing intensity at an incident-lighted edge.

(Materials--Photographic, TT, v. 5, no. 3)

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1. Photographic film--
Processing;
2. Friener, H.

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EX-110A
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pp 7-13, No 2, pp 28-30.

SLA 59-17722

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R. Reuther, W. Reitzenstein, 16 p.

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Vol. XCV, pp 35-42.

SLA 59-20098

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Sci

Feb 60 Vol 2, No 10

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Oxidative Color Coupling, by J. Eggers, 34 pp.

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SLA 60-16560

Sci

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Prieser, H.
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DUCTION OF FINE DETAILS IN THE PRINTING
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Order from SLA \$1.60 TT-64-16664

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(Abstracts—Photographic, TT, v. 12, no. 4)

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I. Prieser, H.
II. Title: Reproduction ...

Office of Technical Services

On the Mechanism of Combined Fixing and
Developing, by H. Eggenschwiler, W. Jaenicke,
21 pp.

GERMAN, per, Photographische Korrespondenz,
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SIA 60-18481

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Sci
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E Vol 4, No 12

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Sci
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Ionising Radiations, by K. Becker, 52 pp.

HEFMAN, per, Photographische Korrespondenz, Vol XCV,
No 6-8, 1960, pp 83-88, 99-104, 115-125. 9099888

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Sci - Phys
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SLA 60-16560

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Eggenschwiler, H. and Jaenicke, W.
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 TION DEVELOPMENT. [1960] 13p. 8 refs.
 Order from CIA m\$2.40, j\$3.30 60-18482

Trans. [unintelligible] [unintelligible] (Austria)
 1959, v. 97, no. 11, p. 165-171.

An interpretation was attempted of the image reversal
 effect occurring after exposure to light during fixation
 development of photographic emulsion, and an investi-
 gation was carried out on (1) the influence of the fixing
 agent and its concentration, (2) the duration and type of
 pretreatment, (3) the intensity and duration of second-
 ary exposure, and (4) the effect of thickness of the
 emulsion coating. The procedure included pre-exposure
 to light, immersion in fixative bath, second expo-
 sure with subsequent treatment and the substitution of
 separate development and fixation for combined fixa-
 tion and development. Reversal was produced by al-
 ternating pure chemical development with fixation, and
 (Materials--Photographic, TT, v. 5, no. 5) (over)

60-18482

1. Photographic emulsions--
 Photochemical reactions
2. Photographic film--
 Processing
3. Title: Sabattier effect
1. Eggenschwiler, H.
11. Jaenicke, W.

146,952

Office of Technical Services

Spectral Sensitivity of Reversal Color Films,
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German, per, Photographische Korrespondenz,
Vol XLVII, No 1, pp 3-9.

DLA 60-16955

Sci

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May 68

Vol 4, No 8

Eggers, J. and Klein, E.
THE BEHAVIOR OF EMULSION LAYERS WITH EX-
POSURES OF VARIABLE INTENSITIES. [1960] 11p.
Order from ATS \$13.40 ATS-58M46G

Trans. of Phot(ographische) Korr(respondenz) (Austria)
1960, v. 96, no. 5, p. 67-74.

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(Materials--Photographic, TT, v. 5, no. 3)

61-12400

I. Photographic emulsions--
Sensitivity

I. Eggers, J.

II. Klein, E.

III. ATS-58M46G

IV. Associated Technical
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Orange, N. J.

Office of Technical Services

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Sci - Phys
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Becker, K.
PROBLEMS AND RESULTS OF FILM DOSIMETRY
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1. Radiation meters--
Development
2. Title: Film dosimetry
- I. Becker, K.
- II. ATS-09M47G
- III. Associated Technical
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ATS-278-GJ

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(Nuclear Physics--Instruments, TT, v. 3, no. 3)

R-3970-D

Physical Methods for the Measurement of the Sharpness
(Resolution) of Photographic Materials, by R. Müller.

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No 5, 1963, pp 69-79.

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by Photographic Films, by W. Janicke

B. Futterer.

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No 7, 1963, pp 102-105.

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Method for the Photographic Development of an
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Sci -

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TT-65-11944

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EXPERIMENTS ON THE OXIDATION-REDUCTION
ACTIVITY OF THE LATENT IMAGE. 15p, 11refs.
Order from SLA: \$1.60 as TT-65-11944

Trans. of Photographische Korrespondenz (Austria)
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I. Matejec, R.
II. Moisar, E.

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No 1, 1958, pp 5-8.

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Sci - Phys

Jun 59

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CIA/TDD XX-526

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Sc1 - Physics

Oct 58

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75, 316

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6 pp.

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CIA/FDD XX-527

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Sci - Physics

Oct 58

IAC INTERNAL USE ONLY

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Sci

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Sci - Phys

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Sci - Phys
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Hans Westendorp, 34 pp,

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Sci - Phys
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Sci - Electronics
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The Absorption of P_2O_5 From Iron and Aluminum
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Sci - Biology
Oct 56 CTS

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Sci - Phys
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Doc - Mat/Mat

Jun 63

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The Diffusion of Carbon in Tungsten, by C. Zwikker.
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Sci-Chem
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The Boundary Conditions for Concentration Equals
Zero in Diffusion Problems, by W. De. Groot.
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Sci-Phys
May 70

A Special Case of Chromatic Polarization, by J. J.
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SLA 58-36

Sci

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(FID 27143)

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20 pp.

GERMAN, par, Physica, Vol IX, 1929, pp 63-80

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Sci - Physics, aerodynamics

AMS - 2525

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SLA Tr 57-883

Sci - Electricity, *Physics* 52, 370

Sep 57

R-4311-D

Light Emission in a Gas Discharge, by W. DeGroot.

GERMAN, per, Physica, 1933, pp 28-34.

*JPRS/Air Force

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